

GenCore version 5.1.4.p5 4578  
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OM protein - protein search, using sw model

Run on: April 27, 2003, 08:52:11 ; Search time 23 Seconds

(without alignments)  
264.806 Million cell updates/sec

Title: US-09-836-960-5

Perfect score: 1097  
Sequence: 1 MYSAPSACTCLCLHFLLCF.....PFKYYTVTKRSRRIRPTHPA 207

Scoring table:

BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA:\*  
1: /cgn2\_6/ptodata/1/1aa/5A.COMB.pep:\*  
2: /cgn2\_6/ptodata/1/1aa/5B.COMB.pep:\*  
3: /cgn2\_6/ptodata/1/1aa/6A.COMB.pep:\*  
4: /cgn2\_6/ptodata/1/1aa/6B.COMB.pep:\*  
5: /cgn2\_6/ptodata/1/1aa/PTUS.COMB.pep:\*  
6: /cgn2\_6/ptodata/1/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1097	100.0	207	2	US-08-951-822-2
2	1097	100.0	207	4	US-09-173-043-25
3	1097	100.0	207	4	US-09-368-951-2
4	1097	100.0	207	1	US-09-417-721-14
5	596	54.3	215	1	US-08-439-725A-6
6	596	54.3	215	2	US-08-867-471-6
7	596	54.3	215	2	US-08-438-439C-6
8	596	54.3	215	3	US-08-705-245-17
9	591	53.9	215	1	US-08-462-169B-16
10	591	53.9	215	3	US-09-103-079-16
11	591	53.9	215	3	US-08-718-904-17
12	591	53.9	215	4	US-09-057-860A-4
13	571	52.1	212	4	US-09-036-985A-2
14	566	51.6	212	1	US-08-462-965A-2
15	566	51.6	212	1	US-08-462-169B-21
16	566	51.6	212	2	US-09-103-079-21
17	566	51.6	212	2	US-08-951-822-32
18	566	51.6	212	2	US-09-368-951-32
19	561	51.1	216	2	US-08-821-637-3
20	559	51.0	215	2	US-08-438-439C-16
21	557.5	50.8	167	1	US-08-441-629-17
22	557.5	50.8	167	3	US-08-776-207-17
23	557.5	50.8	167	4	US-09-507-773-17
24	557.5	50.8	167	4	PCT-US95-09172-17
25	557	50.5	215	5	US-09-417-721-12
26	554.5	50.5	268	3	US-09-023-082A-22
27	540	49.2	210	4	US-09-160-221A-2

28	251	22.9	158	3	US-08-776-207-18	Sequence 18, Appl
29	251	22.9	158	4	US-09-507-773-18	Sequence 18, Appl
30	233	21.2	155	1	US-08-462-169B-24	Sequence 24, Appl
31	233	21.2	155	3	US-09-103-079-24	Sequence 24, Appl
32	196	17.9	194	2	US-08-438-439C-23	Sequence 23, Appl
33	194	17.7	190	1	US-08-441-629-14	Sequence 14, Appl
34	194	17.7	190	4	US-08-776-207-14	Sequence 14, Appl
35	194	17.7	190	3	US-09-507-773-14	Sequence 14, Appl
36	194	17.7	190	5	PCT-US95-09172-14	Sequence 14, Appl
37	194	17.7	194	1	US-08-410-941-1	Sequence 1, Appl
38	194	17.7	194	1	US-08-439-725A-15	Sequence 15, Appl
39	194	17.7	194	1	US-08-464-590A-12	Sequence 12, Appl
40	194	17.7	194	1	US-08-462-169B-15	Sequence 15, Appl
41	194	17.7	194	1	US-08-468-546-1	Sequence 1, Appl
42	194	17.7	194	2	US-08-207-412B-15	Sequence 15, Appl
43	194	17.7	194	2	US-08-468-547-1	Sequence 1, Appl
44	194	17.7	194	2	US-08-817-260-2	Sequence 2, Appl
45	194	17.7	194	2	US-08-467-937-1	Sequence 1, Appl

## ALIGNMENTS

```
RESULT 1
US-08-951-822-2
: Sequence 2, Application US/08951822A
: Patent No. 5989866
: GENERAL INFORMATION:
: APPLICANT: Deisher, Theresa A.
: APPLICANT: Conklin, Darrell C.
: APPLICANT: Raymond, Fenella
: APPLICANT: Bukowski, Thomas R.
: APPLICANT: Holderman, Susan D.
: APPLICANT: Hansen, Birgit
: APPLICANT: Sheppard, Paul O.
: TITLE OF INVENTION: NOVEL FGF HOMOLOGS
: FILE REFERENCE: 96-20
: CURRENT APPLICATION NUMBER: US/08/951,822A
: CURRENT FILING DATE: 1997-10-16
: NUMBER OF SEQ ID NOS: 36
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 2
: LENGTH: 207
: TYPE: PRT
: ORGANISM: Homo sapiens
US-08-951-822-2

Query Match          100.0%; Score 1097; DB 2; Length 207;
Best Local Similarity 100.0%; Pred. No. 14e-119;
Matches 207; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MYSAPSACTCLCLHFLLCFQOVYLVAEENVDFRIHVENOTRRADVSRRKOLRYOLYSR 60
   |||||
Db 1 MYSAPSACTCLCLHFLLCFQOVYLVAEENVDFRIHVENOTRRADVSRRKOLRYOLYSR 60
QY 61 TSGKHIOVLGRRIRISARGDGKRYAQLVETPTFGSOVAIKKEPEFYICMNRKGLVGR 120
   |||||
Db 61 TSGKHIOVLGRRIRISARGDGKRYAQLVETPTFGSOVAIKKEPEFYICMNRKGLVGR 120
QY 121 DGTKECEVFIRKVENNTALMSAKYSQWYGFTRKRGPRGPTRENOOVHFKRYPK 180
   |||||
Db 121 DGTKECEVFIRKVENNTALMSAKYSQWYGFTRKRGPRGPTRENOOVHFKRYPK 180
QY 181 GQPELQKPFKYYTVTKRSRRIRPTHPA 207
   |||||
Db 181 GQPELQKPFKYYTVTKRSRRIRPTHPA 207

RESULT 2
US-09-173-043-25
: Sequence 25, Application US/09173043
: Patent No. 6207442
: GENERAL INFORMATION:
```

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, APPLICANT: Raymond, Christopher K.
, TITLE OF INVENTION: PLASMID CONSTRUCTION BY HOMOLOGOUS
, TITLE OF INVENTION: RECOMBINATION
, FILE REFERENCE: 97-27
, CURRENT APPLICATION NUMBER: US/09/173,043
, CURRENT FILING DATE: 1998-10-15
, EARLIER APPLICATION NUMBER: US 60/062,061
, EARLIER FILING DATE: 1997-10-16
, NUMBER OF SEQ ID NOS: 34
, SOFTWARE: FastSeq for Windows Version 3.0
, SEQ ID NO 25
, LENGTH: 207
, TYPE: prt
, ORGANISM: Homo sapiens
, US-09-173-043-25

```

[illegible]

```

RESULT 3
US-09-368-951-2
; Sequence 2, Application US/09368951
; Patent No. 6352971
; GENERAL INFORMATION:
; APPLICANT: Deisher, Theresa A.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Raymond, Penella
; APPLICANT: Bukowski, Thomas R.
; APPLICANT: Holderman, Susan D.
; APPLICANT: Hansen, Birgit
; APPLICANT: Sheppard, Paul
; TITLE OF INVENTION: NOVEL FGF HOMOLOGS
; FILE REFERENCE: 96-20
; CURRENT APPLICATION NUMBER: US/09/368,951
; CURRENT FILING DATE: 1999-08-05
; EARLIER APPLICATION NUMBER: 08/951,822
; EARLIER FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-368-951-2

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Query Match      100.0% ; Score 1097 ; DB 4 ; Length 207 ;
Best Local Similarity 100.0% ; Pred. No. 1,4e-119 ;
Matches 207 ; Conservative 0 ; Mismatches 0 ; Indels 0 ; Gaps 0 ;

QY 1 MYSPASACTCTCLHPLLCFOYOVLYAAEENDFRHHVENOTRRARDVSKOQLRYOLYSR 60
   |||||
Db 1 MYSPASACTCTCLHPLLCFOYOVLYAAEENDFRHHVENOTRRARDVSKOQLRYOLYSR 60
   |||||

QY 61 TSGKHIVLGRIRISRGEDGDKRYAOLLVETDFFGSQVRIKKETEFLYLGMNRKKVLGKP 120
   |||||
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Db	61	TSGRINQVLRGRISARGEDGKAYQQLVETDTPGQVRIKGETEPEFLCANRRGKLVGKR	120
Qy	121	DGTSNECEYFIRKVLNNNTALMSKYSGWYGFKGRPRKPGKPTRENOODVFMKRYPK	180
Db	121	DGTSNECEYFIRKVLNNNTALMSKYSGWYGFKGRPRKPGKPTRENOODVFMKRYPR	180
Qy	181	GQPELQKPFKTYTVTKKSRIRTPHPA	207
Db	181	GQPELQKPFKTYTVTKKSRIRTPHPA	207

RESULT 4  
 US-09-417-721-14  
 : Sequence 14, Application US/09417721  
 : Patent No. 6451303  
 : GENERAL INFORMATION:  
 : APPLICANT: Whitehouse, Martha J.  
 : APPLICANT: Kavanagh, Michael W.  
 : TITLE OF INVENTION: Angiogenetically Effective Unit Dose of EGF and Method of  
 : Filing of Invention: Administering  
 : FILE REFERENCE: 1296/12169US05  
 : CURRENT APPLICATION NUMBER: US/09/417,721  
 : CURRENT FILING DATE: 1999-10-13  
 : PRIOR APPLICATION NUMBER: 60/104,103  
 : PRIOR FILING DATE: 1998-10-13  
 : NUMBER OF SEQ ID NOS: 15  
 : SOFTWARE: PatentIn Ver. 2.0  
 : SEQ ID NO 14  
 : LENGTH: 207  
 : TYPE: PRF  
 : ORGANISM: Human EGF-98  
 : US-09-417-721-14

Query Match	100.0%	Score 1097	DB 4	Length 207
Best Local Similarity	100.0%	Pred. No. 1	4e-119	
Matches 207	Conservative 0	Mismatches 0	Indels 0	Gaps 0
QY	1	MYSAPSACTCLCLHFLLLCFQOYLVAEENDFRIHVENQTRARDVDVSKQLRLYQLYSR	60	
Db	1	MYSAPSACTCLCLHFLLLCFQOYLVAEENDFRIHVENQTRARDVDVSKQLRLYQLYSR	60	
QY	61	TSGRKIIQVLGRIRISRGEDGDKYQAOLLVETDFEGSOVRIKGETEFYLLCMNKKGLVGP	120	
Db	61	TSGRKIIQVLGRIRISRGEDGDKYQAOLLVETDFEGSOVRIKGETEFYLLCMNKKGLVGP	120	
QY	121	DGTSKECVFIEKVLLENNTALMSAKYSGWYVGFTRKGRPRKGPDKTRENQDVHFMRKRYPK	180	
Db	121	DGTSKECVFIEKVLLENNTALMSAKYSGWYVGFTRKGRPRKGPDKTRENQDVHFMRKRYPK	180	
QY	181	GOPELQKRPFKYTYTVKKRSRIRTPHRA	207	
Db	181	GOPELQKRPFKYTYTVKKRSRIRTPHRA	207	

US-08-439-725A-6  
RESULT 5  
Sequence 6, Application US/08439725A  
Patent No. 5693775  
GENERAL INFORMATION:  
APPLICANT: Nathans, Jeremy  
APPLICANT: Smallwood, Philip M.  
APPLICANT: Macke, Jennifer P.  
TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR HOMOLOGUES  
TITLE OF INVENTION: FACTOR-1 (FHF-1) AND METHODS OF USE  
NUMBER OF SEQUENCE: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:

```

: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/439,725A
: FILING DATE: 12-MAY-1995
: CLASSIFICATION: 424
: ATTORNEY/AGENT INFORMATION:
: NAME: Halle, Lisa A.
: REGISTRATION NUMBER: 38,347
: REFERENCE/DOCKET NUMBER: 38,347
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 619/678-5070
: TELEFAX: 617/678-5099
: INFORMATION FOR SEQ ID NO: 6:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 215 amino acids
: TYPE: amino acid
: STRANDEDNESS: not relevant
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: US-08-439-725A-6

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Query Match	54.3%	Score 596;	DB 1;	Length 215;
Best Local Similarity	57.8%;	Pred. No. 2.7e-61;		
Matches 111,	Conservative 35;	Mismatches 44;	Indels 2;	Gaps 2;

[illegible]

QY	180	KQPELOKPFKY	191
Db	180	RGHHTTEQSLRP	191

RESULT 6  
 US-08-867-471-6  
 Sequence 6, Application US/08867471  
 Patent No. 5872226  
 GENERAL INFORMATION:  
 APPLICANT: Nathans, Jeremy  
 APPLICANT: Smallwood, Philip M.  
 APPLICANT: Macke, Jennifer P.  
 TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR HOMOLOGUS  
 TITLE OF INVENTION: FACTOR-1 (FHF-1) AND METHODS OF USE  
 NUMBER OF SEQUENCES: 15  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson P.C.  
 STREET: 4225 Executive Square, Suite 1400  
 CITY: La Jolla  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 92037  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/867,471  
 FILING DATE: 02-JUN-1997  
 CLASSIFICATION: 536  
 PRIOR APPLICATION DATA:

```

1 APPLICATION NUMBER: 08/439,725
2 FILING DATE: 12-MAY-1995
3 ATTORNEY/AGENT INFORMATION:
4
5 NAME: Halle, Lisa A.
6 REGISTRATION NUMBER: 38,347
7 REFERENCE/DOCKET NUMBER: 07265/047001
8 TELECOMMUNICATION INFORMATION:
9
10 TELEPHONE: 619/678-5070
11
12 TELEFAX: 617/678-5099
13
14 INFORMATION FOR SEQ ID NO: 6:
15
16 SEQUENCE CHARACTERISTICS:
17
18 LENGTH: 215 amino acids
19 TYPE: amino acid
20 STRANDEDNESS: not relevant
21 TOPOLOGY: linear
22
23 MOLECULE TYPE: protein
24
25 US-08-867-471-6

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Query Match	54.3%	Score 596	DB 2	length 215
Best Local Similarity	57.8%	Pred. No.	2, 7e-61	
Matches 111, Conservative	35,	Mismatches	44,	Indels 2, Gaps 2

QY	1	MYSASACTCJLHFLHLCFCYOVLVAENBNDFRLHVENQTARADVSOKOLITVLYSR	60
Dd	1	MGSPSALSCLLHLHLLVCLOAQVTV-OSSPWFQHVHRQSGLVTLDLSRLLRTIYLYSR	59
QY	61	TSGRHIOVL-GRHSARGEDGKVAOLLVETDFFGSOVRIRKETEFYLICMNRKGVLAK	119
Dd	60	TSGRHVOYLANKRINAMAEDEDDPFKLIVETDFFGSRVAVRGATGLYTICMKKKGLIAK	115
QY	120	PDGTSKECVLEFIEKVLENNYTALMSAKKISGVYGFTRKGGPRKGPKTRENOODVHFHKRP	179
Dd	120	SNGKSKDCDVFTEIYLENNYTALONAKKYEGWYMAFRKGRPPRKSGTKROHOREVHEFKRLP	179.
QY	180	KGAPELOKRFKY	191
Dd	180	RGHHTTOSLRP	191

RESULT 7  
US-08-438-439C-6

RESULT 7  
 US-08-438-439C-6  
 Sequence 6, Application US/08438439C  
 Patent No. 5876967  
 GENERAL INFORMATION:  
 APPLICANT: Nathans, Jeremy  
 APPLICANT: Smallwood, Phillip M.  
 APPLICANT: Macke, Jennifer P.  
 TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR HOMOLOGOUS  
 TITLE OF INVENTION: FACTOR-2 AND METHODS OF USE  
 NUMBER OF SEQUENCES: 25  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson P.C.  
 STREET: 4225 Executive Square, Suite 1400  
 CITY: La Jolla  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 92037  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/438,439C  
 FILING DATE: May 12, 1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Haile, Lisa A.  
 REGISTRATION NUMBER: 38,347  
 REFERENCE/DOCKET NUMBER: 07265/046001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 619/678-5070  
 TELEFAX: 619/678-5099

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? INFORMATION FOR SEQ ID NO: 6
?
? SEQUENCE CHARACTERISTICS:
?
?   LENGTH: 215 amino acids
?   TYPE: amino acid
?   STRANDEDNESS: not relevant
?   TOPOLOGY: linear
?   MOLECULE TYPE: protein
US-08-438-439C-6

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Query Match	54.3%	Score 596;	DB 2;	Length 215;
Best Local Similarity	57.8%;	Pred. NO. 2.7e-61;		
Matches 11;	Conservative 35;	Mismatches 44;	Indels 2;	Gaps 2;

[illegible]

RESULT 8  
US-08-705-245-17  
; Sequence 17, Application US/08705245  
; Patent No. 6026100

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; GENERAL INFORMATION:
; APPLICANT: Nathans et al., Jeremy
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR HOMOLOGOUS
; TITLE OF INVENTION: FACTORS (FHRs) AND METHODS OF USE
; NUMBER OF SEQUENCES: 37

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ADDRESSEE: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA

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? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patientin Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:

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APPLICATION NUMBER: US/08/705,245  
FILING DATE: 30-AUG-1996

CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:

```

NAME: Wetherell, Jr., John R.
REGISTRATION NUMBER: 31,678

```

REFERENCE/DOCKET NUMBER: 07265/094001  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 619/678-5070  
TELEFAX: 619/678-50999

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; INFORMATION FOR SEQ ID NO: 17:
;
; SEQUENCE CHARACTERISTICS:

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LENGTH: 215 amino acids  
TYPE: amino acid

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STRANDEDNESS: not relevant
:
TOPOLOGY: linear

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MOLECULE TYPE: protein  
US-08-705-245-17

Query Match	54.38;	Score 596;	DB 3;	Length 215;
Best Local Similarity	57.88;	Pred. No. 2.7e-61;		

Matches 11; Conservative 35; Mismatches 44; Indels 2; Gaps 2;

[illegible]

```

Qy      61 TSGKHQVL-GRRISAREDDGKQAQLVETDPFSQVRKRGKEIFYLCNRRKGLKVG 119
          |||||:|:|:| ||| :|:|:|:|:|:|:|:|:| | |:|:|:|:| |
Db      60 TSGKHQVLANKRINAMAEDEGDPKALIVETDFGSRVVRGAETGLYICNRRKGLIAK 119

```

QY 120 PDGTSIECVETIEKLVLENNYTTALMSAKYSQWYVGTAKKGRPRKGPKIRENQDVHFEMKRRYP 179

Db 120 SNGKSGDCVFETIEVLNNYTTALONAKYEGWYMAETRKGRPRKGSKTROHQREVEVHEMKRLP 179

QY	180	KGQPELOKPFKY	191
		∶	
		∶∶	
Db	180	RGHHTTEQSLRF	191

RESULT 9  
US-08-462-169B-16  
; Sequence 16, Application US/08462169B  
; Patent No. 5773252

; APPLICANT: John Greene and Craig A. Rosen  
 ; TITLE OF INVENTION: Fibroblast Growth Factor-15  
 ; NUMBER OF SEQUENCES: 32  
 ; CORRESPONDENCE ADDRESS:

1 ADDRESS: CECILIA, BYRNE, BAIN, GILFILLAN  
2  
3 ADDRESS: CECILIA, STEWART & OLSTEIN  
4 STREET: 6 BECKER FARM ROAD  
5 CITY: ROSELAND  
6 STATE: NEW JERSEY  
7 COUNTRY: USA  
8

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? COMPUTER READABLE FORM:
? MEDIUM TYPE: 3.5 INCH DISKETTE
?
? COMPUTER: IBM PS/2
? OPERATING SYSTEM: MS-DOS
? SOFTWARE: WORD PERFECT 5.1
? CURRENT APPLICATION DATA:

```

FILING DATE: 05 JUN 95  
 CLASSIFICATION: 514  
 ATTORNEY/AGENT INFORMATION:

```

;
;   REGISTRATION NUMBER: 33,073
;   REFERENCE/DOCKET NUMBER: 325800-441 (PF203)
;   TELECOMMUNICATION INNOVATION:

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TELECOMMUNICATION INFORMATION  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744

TELEFAX: 201-994-1744  
; INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:

SEQUENCE CHARACTERISTICS:  
LENGTH: 215 AMINO ACIDS  
SYNDE. AMINO ACID

TYPE: AMINO ACID  
STRANDEDNESS:  
; ;  
; ;

TOPOLOGY: LINEAR  
MOLECULE TYPE: PROTEIN

Query Match	53.9%	Score 591,	DB 1,	length 215,
Best Local Similarity	57.3%	Pred. No. 1e-60,		
Matches 110; Conservative	35;	Mismatches	45;	Indels 2; Gaps 2;

DQ  
1 MYSAPSACITCLHFLLLCFOYQVLAENNVDFRIHVENOTRRADVS RKQLRYLYSR 60

Dd  
1 MGSPRSALSCLLHLHYLCIAQNTV -GSSPNFTQHVRQSGLVTDTLSRLIRIYYLYSR 59

61 TSGKHQVL-GRTSARGEDDKYADLLVETDTFGSQVRIKGETEFYLCMNRKGLVQK 119

Dd 60 TSGKHVQVLANKRINAMAEDGDPFAKLIVETDTFGSRVVRVGAETGLYLICNNKKGLIAK 119

QY 120 PDGTSKECVFIEKVLNNYFALMSAKYSGWYVGTKKGRPRKPKPTRENOQDVHFMKRYP 179

Dd 60 TSGKHVQVLANKRINAMAEDGDPFAKLIVETDTFGSRVVRVGAETGLYLICNNKKGLIAK 119

QY 120 PDGTSKECVFIEKVLNNYFALMSAKYSGWYVGTKKGRPRKPKPTRENOQDVHFMKRYP 179

Db 120 SNGKGDCEVFEIYLENNYALQNAKYEWMATFRKGRPRKSGSKTQHOREVHFMRLLP 179

QY 180 KGPELOKPKFY 191  
Db 180 RGHHTTEOSLRF 191

## RESULT 10

US-09-103-079-16  
Sequence 16, Application US/09103079A  
Patent No. 6013477  
GENERAL INFORMATION:  
APPLICANT: Greene, John M.  
APPLICANT: Rosen, Craig A.  
TITLE OF INVENTION: Fibroblast Growth Factor 15  
FILE REFERENCE: PF203D1  
CURRENT APPLICATION NUMBER: US/09/103,079A  
CURRENT FILING DATE: 1998-06-23  
EARLIER APPLICATION NUMBER: 08/462,169  
EARLIER FILING DATE: 1995-06-05  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 16  
LENGTH: 215  
TYPE: PRF  
ORGANISM: Homo sapiens  
US-09-103-079-16

Query Match 53.9%; Score 591; DB 3; Length 215;  
Best Local Similarity 57.3%; Pred. No. 1e-60;  
Matches 110; Conservative 35; Mismatches 45; Indels 2; Gaps 2;

QY 1 MYSAPSACTCCLHFLLCFQVYLVAEENVDFRIHVENQTRARDVSRKOLRLYQLYSR 60  
Db 1 MGSRSALSCLLHLVLVLCQAOVTV-OSSPFTQHVREOSLVTDQLSRRLIRYQLYSR 59

QY 61 TSGKHIVL-GRRISARGEDGDKYAOLVETDFGSOVRIGKTEFEFLCNRRKGLYVK 119  
Db 60 TSGKHIVLANKRINAMAEDEDPFAKLIVETDFGSRVRVGAETGLYICNKKGLIYK 119

QY 120 PDGTSKECVFEIYLENNYALQNAKYEWMATFRKGRPRKSGSKTQHOREVHFMRLLP 179  
Db 120 SNGKGDCEVFEIYLENNYALQNAKYEWMATFRKGRPRKSGSKTQHOREVHFMRLLP 179

QY 180 KGPELOKPKFY 191  
Db 180 RGHHTTEOSLRF 191

## RESULT 11

US-08-718-904-17  
Sequence 17, Application US/08718904  
Patent No. 6037329  
GENERAL INFORMATION:  
APPLICANT: Baird, J. Andrew  
APPLICANT: Chandler, Lois Ann  
APPLICANT: Sosnowski, Barbara A.  
TITLE OF INVENTION: COMPOSITIONS CONTAINING NUCLEIC ACIDS AND LIGANDS FOR THERAPE  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED AND BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
City: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/718,904  
FILING DATE: 24-SEP-1996

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:  
NAME: No. 6037329tenburg Ph.D., Carol

REGISTRATION NUMBER: 39,317

REFERENCE/DOCKET NUMBER: 760100.415C1

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:  
LENGTH: 215 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: peptide

FEATURE:  
OTHER INFORMATION: /note= "FGF-8"

US-08-718-904-17

Query Match 53.9%; Score 591; DB 3; Length 215;  
Best Local Similarity 57.3%; Pred. No. 1e-60;  
Matches 110; Conservative 35; Mismatches 45; Indels 2; Gaps 2;

QY 1 MYSAPSACTCCLHFLLCFQVYLVAEENVDFRIHVENQTRARDVSRKOLRLYQLYSR 60  
Db 1 MGSRSALSCLLHLVLVLCQAOVTV-OSSPFTQHVREOSLVTDQLSRRLIRYQLYSR 59

QY 61 TSGKHIVL-GRRISARGEDGDKYAOLVETDFGSOVRIGKTEFEFLCNRRKGLYVK 119  
Db 60 TSGKHIVLANKRINAMAEDEDPFAKLIVETDFGSRVRVGAETGLYICNKKGLIYK 119

QY 120 PDGTSKECVFEIYLENNYALQNAKYEWMATFRKGRPRKSGSKTQHOREVHFMRLLP 179  
Db 120 SNGKGDCEVFEIYLENNYALQNAKYEWMATFRKGRPRKSGSKTQHOREVHFMRLLP 179

QY 180 KGPELOKPKFY 191  
Db 180 RGHHTTEOSLRF 191

## RESULT 12

US-09-057-860A-4  
Sequence 4, Application US/09057860A  
Patent No. 6277820  
GENERAL INFORMATION:  
APPLICANT: Arnon Rosenthal  
APPLICANT: Mary Hynes  
APPLICANT: Weilian Ye  
TITLE OF INVENTION: Method Of Dopaminergic And Seratonergic  
TITLE OF INVENTION: Neuron Formation From Neuroprogenitor Cells  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
City: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Winpatin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/057,860A  
FILING DATE: 09-Apr-1998  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Svoboda, Craig G.  
REGISTRATION NUMBER: 39,044  
REFERENCE/DOCKET NUMBER: P1364



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Query Match	51.6%	Score 566	DB 1	Length 212
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		8	LCIDLILLICCOQ----	63
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Job time : 25 secs

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